

Message Text

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ACTION NEA-16

INFO OCT-01 EUR-25 EA-11 IO-14 ISO-00 CIAE-00 DODE-00

PM-07 H-03 INR-10 L-03 NSAE-00 NSC-07 PA-04 RSC-01

PRS-01 SP-03 SS-20 USIA-15 AEC-11 NSCE-00 NASA-04

SCI-06 ACDA-19 DRC-01 SAM-01 SAJ-01 /184 W

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P R 101025Z JUL 74

FM AMEMBASSY NEW DELHI

TO SECSTATE WASHDC PRIORITY 2580

INFO AMEMBASSY ISLAMABAD

AMEMBASSY LONDON

AMCONSUL HONG KONG

USLO PEKING

USMISSION IAEA VIENNA

USMISSION GENEVA

CINCPAC HONOLULU HI

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NEA FOR AMBASSADOR MOYNIHAN

CINCPAC FOR POLAD

E.O. 11652: N/A

TAGS: TSPA

SUBJ: INDIAN IRBM'S

1. SUMMARY DR. S. DHAWAN, CHAIRMAN OF THE INDIAN SPACE RESEARCH ORGANIZATION, TESTIFIED BEFORE THE PARLIAMENT'S CONSULTATIVE COMMITTEE ON ATOMIC ENERGY, SPACE AND ELECTRONICS YESTERDAY THAT INDIA CAN PRODUCE IRBM'S ANY TIME THE GOI ASKS FOR THEM. END SUMMARY.

2. THE MOST COMPLETE REPORT AVAILABLE IS AS FOLLOWS, FROM THE JULY 9 EDITION OF THE MOTHERLAND:

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3. "INDIA CAN PRODUCE IRBMS: INDIA CAN PRODUCE INTERMEDIATE RANGE BALLISTIC MISSILES (IRBMS) ANY TIME THE GOVERNMENT GIVES THE 'GO AHEAD' SIGNAL.

"THIS WAS REVEALED BY DR. S. DHAWAN, CHAIRMAN OF THE INDIAN SPACE RESEARCH ORGANIZATION TO THE PARLIAMENT'S CONSULTATIVE COMMITTEE ON ATOMIC ENERGY, SPACE AND ELECTRONICS, HERE TODAY. DR. DHAWAN WAS REPLYING TO QUESTIONS POSED BY DR. SUBRAMANIAN SWAMY, JANA SANGH MP.

"Q: DOES INDIA PRODUCE ITS OWN SOLID PROPELLANT?"

"A: YES."

"Q: WHAT IS THE SPECIFIC IMPULSE OF THIS PROPELLANT?"

"A: 240 SECONDS."

"Q: IS THAT NOT ENOUGH TO GENERATE 70,000 LBS. OF THRUST FOR AN IRBM?"

"A: YES."

"Q: HAVE YOU DEVELOPED AN INERTIAL GUIDANCE SYSTEM?"

"A: YES, WE HAVE, FOR SATELLITE LAUNCHING."

"Q: IF YOU HAVE THE PROPELLANT OF ADEQUATE SPECIFIC IMPULSE, AND THE INERTIAL GUIDANCE SYSTEM, YOU HAVE EVERYTHING FOR AN IRBM?"

"A: YES, WE DO. IF THE GOVERNMENT DESIRES US TO PRODUCE AN IRBM, WE CAN."

"THE SPECIFIC IMPULSE MEASURES THE NUMBER OF SECONDS A UNIT OF PROPELLANT BURNS. CONSEQUENTLY THE HIGHER THE SPECIFIC IMPULSE THE LONGER WILL THE ROCKET CONTAINING THE PROPELLANT RETAIN THE THRUST FOR ONWARD MOTION. IF THE SPECIFIC IMPULSE IS ABOVE 230, THEN AN IRBM CAPABILITY IS ACHIEVED. INDIA HAS THUS ATTAINED 10 SECONDS MORE THAN THE REQUIRED MINIMUM IMPULSE."

EMBASSY COMMENT: THIS IS THE FIRST REFERENCE IN PRINT THAT WE REMEMBER SEEING WHERE A MILITARY USE FOR INDIA'S PEACEFUL SPACE PROGRAM HAS BEEN MENTIONED BY A SENIOR INDIAN OFFICIAL. SCHNEIDER

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Message Attributes

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